

0185660SeqList.txt
SEQUENCE LISTING

<110> DSM IP ASSETS B.V.
<120> A gene encoding vitamin B6 phosphate phosphatase and use thereof
<130> NDR5234
<140> PCT/EP03/10575
<141> 2003-09-23
<150> EP 02021622.2
<151> 2002-09-27
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<170> PatentIn version 3.2
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acc gac tgg gtc ttc gac ctc gac aac acg ctc tat ccg cat cac gtc 96
 Thr Asp Trp Val Phe Asp Leu Asp Asn Thr Leu Tyr Pro His His Val
 20 25 30

aat ctg ttc tca cag atc gac cgc aac atg acg gcc tat gtt gcc gaa 144
 Asn Leu Phe Ser Gln Ile Asp Arg Asn Met Thr Ala Tyr Val Ala Glu
 35 40 45

ctc ctg tcg ctg gag cct gcg gag gcg aag aag ctg cag aag gaa tac 192
 Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr
 50 55 60

tac cgc gac cac ggc acc acg ctt cag ggc ctg atg ctt cat cac ggc 240
 Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly
 65 70 75 80

atc gat ccc aat gat ttc ctc gaa aga gcc cac gcc atc gac tat agc 288
 Ile Asp Pro Asn Asp Phe Leu Glu Arg Ala His Ala Ile Asp Tyr Ser
 85 90 95

gtg gtg ccg gcc gat ccg gcg ctc ggc gag gcg atc aag gcg ctg ccc 336
 Val Val Pro Ala Asp Pro Ala Leu Gly Glu Ala Ile Lys Ala Leu Pro
 100 105 110

gga cgc aag ttc atc ttc acc aac ggc agc gtc gcc cat gcg gag atg 384
 Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met
 115 120 125

acc gcg cgg gcg ctc ggc att ctc gag cat ttc aac gac atc ttc gac 432
 Thr Ala Arg Ala Leu Gly Ile Leu Glu His Phe Asn Asp Ile Phe Asp
 130 135 140

atc gtc gcc gcc ggc ttc ata ccg aag ccc gcc ggc gac acc tac gac 480
 Ile Val Ala Ala Gly Phe Ile Pro Lys Pro Ala Gly Asp Thr Tyr Asp

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145 150 155 160

aag ttc atg ggc ctt cac cgc atc gac acg gcg aat gag gtg atg ttc 528
 Lys Phe Met Gly Leu His Arg Ile Asp Thr Ala Asn Glu Val Met Phe
 165 170 175

gag gat ctg ccg cgc aac ctg gtc gtc cct aag gcg ctc ggc atg aag 576
 Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys
 180 185 190

acg gtg ctg ctc gtg ccg cgc aat ctc gaa tac gag ttc gcc gag gcc 624
 Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala
 195 200 205

tgg gaa acg tcg agc gac gcg gac gat cag atc gac tac gtc acg gaa 672
 Trp Glu Thr Ser Ser Asp Ala Asp Asp Gln Ile Asp Tyr Val Thr Glu
 210 215 220

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<210> 10
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Met Lys Lys Leu Asp Arg Met Pro Thr His Ala Glu Phe Ala His Val
 1 5 10 15

Thr Asp Trp Val Phe Asp Leu Asp Asn Thr Leu Tyr Pro His His Val
 20 25 30

Asn Leu Phe Ser Gln Ile Asp Arg Asn Met Thr Ala Tyr Val Ala Glu
 35 40 45

Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr
 50 55 60

Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly
 65 70 75 80

Ile Asp Pro Asn Asp Phe Leu Glu Arg Ala His Ala Ile Asp Tyr Ser
 85 90 95

Val Val Pro Ala Asp Pro Ala Leu Gly Glu Ala Ile Lys Ala Leu Pro
 100 105 110

Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met
 115 120 125

Thr Ala Arg Ala Leu Gly Ile Leu Glu His Phe Asn Asp Ile Phe Asp
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135

Ile Val Ala Ala Gly Phe Ile Pro Lys Pro Ala Gly Asp Thr Tyr Asp
145 150 155 160

Lys Phe Met Gly Leu His Arg Ile Asp Thr Ala Asn Glu Val Met Phe
165 170 175

Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys
180 185 190

Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala
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Trp Glu Thr Ser Ser Asp Ala Asp Asp Gln Ile Asp Tyr Val Thr Glu
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Asp Leu Ala Gly Phe Leu Arg Ser Val Ile Val
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